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BASIC CATALOG ON

EPIPHYLLUMS

AND THEIR

Intergeneric Hybrids

TITLED BY SOME

ORCHID CACTUS

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ZYGOCACTUS — SCHLUMBERGERA

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1949

EPIPHYLLUM — PHYLLOCACTUS — PHYLLOCEREUS

Flowering season—April, May and June

In order to eliminate any possible confusion arising from the use of the name "Orchid Cactus" for Epiphyllum hybrids, we offer the following explanation:

The name "Orchid Cactus" has only been in use for the past few years. It was started by a commercial dealer for its obvious "trade-pulling" power. This has caused and is causing endless trouble in the minds of the uninitiated since the EPIPHYLLUMS bear no relationship to the ORCHIDS beyond the fact that both have exquisite flowers.

Since the publication of "Cactaceae" by Britton & Rose in 1923, the name Epiphyllum has come into general use in the United States while the term Phyllocactus has been used in Europe and other parts of the world for well over a hundred years and the bulk of reference material will be found under that title and not under Epiphyllum or "Orchid Cactus."

The term Phyllocereus refers to a definite intergeneric hybrid, an epiphyllum crossed with Heliocereus.

Word descriptions are so inadequate to describe these magnificent flowers, that we have taken over a thousand Kodachromes. These slides may be viewed at our gardens at any time or arrange with us for the loan, by mail, of our Kodachrome Kit with slides and small viewer. A deposit is required.

Sports are varieties which develop from a mutation on a plant thus they are capable of reverting to their original form, therefore we recognize them only under their obvious name, for example, Conway Giant Sport. An exception to this is the long established Amber Queen Sport, MONCHERIE. Some varieties which sport more readily than others are: Argus; Conway Giant; Dante; Hans Rehm, Fiesta; Flamingo; Hermosissimus; and Richard Diener. We do not list sports.



MISS SANTA MONICA

SYMBOLS: *means Steele hybrid; †means suitable for baskets; capital letters after names indicate types.

TYPES OF BLOSSOMS

There are several distinct forms or shapes of these flowers. This explanation is not concerned with the ACTUAL SIZES but is an attempt to define SHAPES. The different types or forms of these flowers can often be found in several sizes ranging from so-called small, through medium to extra large. We are trying to simplify the descriptions of these flowers by setting up six general classes or types, as follows:

TYPE A flowers are very wide open. They might be termed saucer-like. Quite often they are very large and not too compact. The sepals stand out or a few may turn back. The petals and sepals often number less than 25.

Examples: Gloria; Hermosissimus; Amber Queen; Conway Giant; Adonis; Jenkinsonii; Sun Goddess; Wanda.

TYPE B flowers are quite compact. The sepals and petals hold together closely and overlap well, giving a full effect. These flowers are open but not flat with numerous sepals and petals. They are best represented by the Phyllocereus and often will have a slight spine on ovary and plant.

Examples: Peacocki; Prof. Ebert; Bohemienne; Dante; Cleopatra; La France; Ackermanni hybrid; Brilliant; Heliocereus Speciosus.

TYPE C has a very wide range in size from the well known Deutsche Kaiserin to the Padre. The forward extending petals being well separated from the outstanding sepals. A few sepals may turn back. The petals may flare trumpet-like or the tips may curve inward, forming a cup.

Examples: Antwerpia; Magnolia; Euphrosine; Marie Van Hoorde; Martha Knebel; Roseus Superbus; Scheherazade.

TYPE D has a certain similarity to Type C in that the sepals and petals are well separated from each other but the sepals are usually quite narrow and recurved, while the petals extend forward in a loose manner.

Examples: CeKa; Pink Pearl; Jules Schlumberger; Symphony; Montezuma; Paul de Longpre.

TYPE E is represented by several of the true species. The flowers are flat or wheel-shaped; sepals and petals often long and slender. Sometimes sepals stand out like spokes and the petals may be shorter and not quite flat.

Examples: Strictum; Stenopetalum; Friedrich Werner-Beul; Sunburst; Flor del Sol; Oberst P. M. Kuhnrich.

TYPE F are unique or hard to determine varieties.

Example: Pride of Bell.

Some flowers have qualities of more than one type. This could be represented by a TYPE LETTER and the plus or minus sign as needed.

COLOR GROUPINGS

We have set up the following groups to help classify these flowers as to color. This is difficult because of the wide range of color combinations. Some flowers have more than one outstanding color. Nearly all of them contain a small amount of contrasting tint or shading of self-color and therefore could be listed under two groups. Distinction between tints and shades is a matter of personal understanding. Even the flowers themselves are of deeper tones at certain stages. We use the Horticultural Colour Chart issued by The British Colour Council.

GROUP 1

White, cream, yellow or their combinations. Some just introduced—others are old proven favorites.

75c	50c	35c
Anna Rettig†	Albus Super-	Anguliger
Beulah	bissimus	Belgica—C
Blanco—A	Easter Morn	Castnori
Chiaro di Luna*	Eden	Cooperii
Diamond Lil*	Elfe	Crenatum
Estrellita*	Eskimo*	Frau von Schiller
First Place*	Ferd. Schmoll	Guatemalensis
Gardenia	Francisco	Kinchinjunga
Icicle*	Frau Poldi Cvetnic	Londonii—C
Ivory*†—C	Ghost	Magnolia
Larseni—C	Gretchen Staudte	Moonrise—B
Phoebe*	Luna	Mount Hood—A
Phosphor*	Mount Rainier*—C	Oriole
Star of	Otto Schmidt	Oxypetalum
Bethlehem*	Pond Lily*	(Latifrons)
White Swan*—D	Seven-up*	Stenopetalum
William	Snow-cap	Wrayii
Rohbock	Strictum	
Vela*	Westfalen	
Vesper*		

ALBATROSS (Steele) Type C. Giant white. Broad brownish outer sepals with creamy folded inner petals. \$1.00.

ALBINO† (Steele) Extra fine. Small trumpet. \$1.00.

BABY DOLL (Beahm 1948) Small flower with wide blunt petals. A few heavy rose-pink sepals. Short tube. \$1.50.

BLANCHE (Steele) Type A. Excellent small 5 inch white flower. Sepals toned with lemon-green. 50c.

BRIDAL VEIL. Type A. (Poindexter)† Pure white. Very large. Outermost sepals spreading, brownish. Petals semi-pointed, crinkled tips. \$1.50.

CHAMPAGNE (Steele) Type C. Inner petals narrow and almost always yellow; at least heavily tipped with it. Not wide opening. Sepals tannish yellow. \$3.00.

CHARLES LARKIN (Kado) Type D. Many petaled white. Sepals yellow and turning well back. Petals narrow, blunt, crepy. Fragrant. Late flower. \$1.00.

CITRINE (Steele 1945) Type C. Large, full petaled, open cup. Lemon yellow, cream to white center. \$1.00.

DEUTSCHLAND (Knebel No. 95) Limited stock.

DUSTY MILLER (Steele) Type A. Petals crepy with a powdery transparent look—crinkled edge—large. Few, very broad petals. Limited. \$2.00.

DOVE OF PEACE (Steele) Type D. Large white showing no yellow though sepals are of pinkish brown. Petals slightly spooned and crimped at tips. \$1.50.

- GREENLING** (Beahm 1948) Type C. Soft all over green-toned flower with a hint of rose in greenish sepals. Large bell-shaped flower. Excellent keeper. Plant growth flat and fairly strong. \$1.00.
- HALO** (Steele) Large, broad petals wide open cup. Choice. \$1.50.
- ICE-CAP** (Beahm 1948) Type A. Frosted cool-toned white. Heavy crepe petals; tannish-rose sepals. Fragrant. \$1.00.
- KATY-DID** (Steele)† Medium, greenish-cream. \$1.50.
- MADONNA** (Steele)† Type A. Broad, well rounded wide opening petals, slightly ruffled. Sepals light canary yellow recurving. Exquisite. Early. \$1.00.
- MT. LOFTY** (Beahm 1948) Erect large cream-white flower with feathered edge. \$1.00.
- PAUL DE LONGPRE** (European) This flower varies from year to year and is sometimes very close to all yellow. 75c.
- POLAR BEAR** (Steele) Type A. Large white with light lemon tipped petals well separated. Sepals smooth, gracefully recurved, clear lemon yellow. \$1.00.
- PRES. F. D. ROOSEVELT** (Monmonier) Type A. Pure white, 9-10 inches, with crepe-like texture from its parent Mauvette. Sepals tinged with pink. \$1.00.
- REGINA DEL CHIARO** (Steele) Type A. Large white with lemon yellow pointed sepals—innermost petals wide opening, glistening white with crimped tips. A very beautiful flower and a good keeper. \$2.00.
- SHASTA** (Steele) Type D. Opens like a daisy with long narrow pointed petals having a slight twist. Peacockii parentage. Very fine and different. \$1.00.
- STAR-DUST** (Steele) Type D. Similar to Shasta though flat plant growth. Basket. Long season. 75c.
- THEME SONG** (Beahm) Type D. Lively touches of yellow on a large cream-white flower. \$1.50.
- WINTER MOON** (Sherfy) Type A. Not large but excellent form with interesting delft rose tube and yellow sepals. Clean light green plant growth. \$1.00.
- YELLOW VIOLET** (Kado) Type C. Numerous sepals, outermost extremely yellow blending to white inner petals. Strikingly fine in bud with prominent extended scales. \$1.50.
- YREKA** (Beahm 1948) (Y-reka) Type D. Numerous sepals and petals all heavy with yellow or at least rich cream. Not yet released.
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Prices are for **Cuttings** which are usually rooted.

Recent Knebel imports will be released when ready.

GROUP 2

These are the lighter shades of soft-pink, rose-pink and salmon-pink; variously combined and sometimes one-toned.

75c	50c	35c
Anna Brunnow	Celeste	Adonis—A
Ballerina	Couranti	Antwerpia
Bella Donna*	Florence Houghton	Argus
Edmund Odie	Hebe	Bella—C
Elektra	Judy	Bohemienne†—B
(Ilse Hess)	Lady Irene	Charm†
Illeana	La France	Dawn
Pink Gloria	Lilacinus	Deliciosa†
	Marie Van Hoorde	Deutsche Kaiserin
	—D†	(German Em-
	Mme. Sallier	press)†—C
	Mme. Van de	Martha Knebel—C
	Weille	Padre (Elegans)—C
	Venus	Roseus Superbus

ADONITA (Beahm) Type A. Light carmine-rose. Excellent corsage. Lasting qualities. Limited. \$1.50.

FAIRY QUEEN (Steele) Type C. One of the most delicate. Showing nearly white center, deepening at the petals tips. A combination seldom seen. \$1.00.



DEUTSCHE KAISERIN

HAVILAND (Steele) Type C. Delicate Porcelain rose. Very late bloomer and excellent keeper. Medium size and very refined appearance. \$1.50.

NILMAH (Steele) Type C. First morning nearly white deepening to baby pink. Center eye of light cerise. Overlapping petals form good cup. \$1.00.

NORMANDIE (Steele) Type D. Another giant of suffused rhodamine pink. Broad, blunt petals. \$1.50.

PASTELLO (Steele) Type D. Greenish-pink sepals with inner petals delicate shell-pink to almost white center. Exquisite. Just released. Limited. \$1.50.

SEPTEMBER MORN (Steele) Type C. Shrimp pink with bright pencil edge of fuchsine pink on numerous inner petals. Definite cup shape. Medium size. 75c.

SPRINGTIME (Steele) Type C. Soft pink with flecks of lavender but no eye. Broad petals. Scented. \$1.00.

SWEET BRIAR (Steele) Type C. Loose open cup medium size flower. Broad inner petals of delicate pink and brownish pink sepals. Wild rose scent. \$1.00.

WELCOME (Steele) Type D. Exquisite pale rose pink overcast with delicate lavender, slightly deeper eye, light ruffled edge. Marvelously scented. \$1.00.

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STRICTUM

GROUP 3

Here are the deeper pinks, lavenders and rose-shades, often with other contrasting colors.

75c	50c	35c
Elata	Frau Hanne Lohse	Agatha—C
Elysian	Majesty—B	Euphrosine—B
Eric Matthes	Pink Pearl—D	Lohengrin*—C
(Ernst Udet)	Queen Pearls	Mauvette—A
Eros	Regent	Mexicanus—A
Fritz Reichenbach	Salmon Fonce	Pink Nymph†
Hohenzollern		Rose Perfection
Pfau		Rosetta†—C
Piersonii		Scheherazade
Ruth Kilbourne		(Magenta)
Samite		

BAGDAD (Steele) Type D. Giant old rose entire. Extremely flaring bell shape. 75c.

CARNATION (Steele). A lovely shade of carnation-pink with rose eye. Sepals and petals broad, overlapping. \$1.50.

CELESTINE (Steele) Type B. Lilac pink with a deeper rose edge; not a band. \$1.00.

DAY IN SPRING (Poindexter). Distinctly marbled 8" to 9" old rose, cup and saucer flower. 75c.

DUCHESS OF WINDSOR (Beahm) Type A. Heavy thick texture, well rounded petals. Even tone of orchid with rose eye. Sepals broad orange-pink. 75c.

DUKE OF WINDSOR (Beahm) Type D. Very soft dusty tones of Camellia Rose with deeper center stripe. Outer petals narrow, curling, brownish-pink. \$2.00.

ENSEMBLE (Steele) Type C. Flesh pink darkening to a carnation pink. Rose eye with a hint of cerise. \$1.00.

FORTUNA (Steele) Type A. Large lavender pink; dark phlox pink eye. Petals lightly veined in violet. 75c.

FRAU MARIA RUHL (Kn. No. 222). Name changed from Manfred von Richthofen. 75c.

JOYCE (Beahm)† Type C. Deep lavender-pink, Rosetta cross. Sepals recurving and slightly deeper in color than petals. 75c.

LADY EDNA (Steele) Type A. Giant wide open flower with broad well rounded petals. Slight spoon at petal tips. One tone lilac pink. \$1.00.

LILA (Steele). Very crimped broad blunt petals hooked at tips. Petals have measured up to two inches. Deep lilac pink with no eye. Crepe paper texture. 75c.

ORCHID BEAUTY. Type A. A beautiful orchid toned flower with deep tan-pink sepals, wide opening though not flat. Well named. 75c.

PETRITA (Beahm)† Type C. Rose-red sepals—rose-pink petals with darker center line. Small flower. \$1.00.

RICHARD DIENER (Monmonier). Crepy petals, deep apricot edge, cerise ring in center. Sepals orange with a tinge of violet. \$1.00.

ROMANY (Steele) Type D. Dusky rose pink with buff; large lavender-rose eye. For lovers of the unusual. \$1.00.

ROSALIE (Steele) Type C. Broad, well rounded petals of one tone deep rose or lavender pink, firm texture. An outstanding variety. \$1.00.

ROSEA STELLATA (Steele) Type A. Broad, spooned lavender-rose petals with cerise edge. Two white dots at base of petals lend additional charm—indeed a large, magnificent flower. \$1.50.

ROSE BLUSH (Steele) Type C. Old-rose with a bluish cast and tan center stripe. Broad blunt sepals and petals. No eye. Difficult to describe but fine. \$1.00.

ROSE MARIE ROSETTA (Beahm)† Type C. Long pointed buds similar to the rose of the same name. Small flower, branches often three angled. Limited. \$1.00.

STARLLA LEE (Beahm 1948). Not yet released.

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Recent Knebel imports will be released when ready.



PROF. EBERT

GROUP 4

Fine flowers in autumn shades. Orange, amber, copper, etc., often with violet or purple in center or along edges.

75c	50c	35c
Artista	Betty Lou*—A	Amber Queen—A
Aurore Boreale	Brahma—D	Autumn
Bliss	Camillo Schneider	Buff Beauty*—C
Bruin*	—B	Dante
Caprice	Curt Backeberg	Desert Sunrise
Dr. von Roeder	Dazzler†	Flor del Sol—A
Dr. Ziegler	Ernst Seyderhelm	Gloria—A
Erlauer Kind—B	Fiesta*	Lackneri
Fire God—A	Flamingo*	Speciosa
Karl Gielsdorf	Margaret Ward	Valencia*
Madame	Moncherie	
Queen*—C	Montezuma—D	
Romance	Sun Beam	
Stern von Erlau	Sunburst*—E	
Sunrise*	Sun Goddess—A	
Sunset*	Tr. des Anthieux	
Tiffany	Wurtemberg	

CALIFORNIA BEAUTY (Kado)—Temporarily withheld.

CASSANDRA (Monmonier). Wide open, buff orange with a deep orange eye. Sepals and petals well parted and narrow. A dainty flower. \$1.00.

CLEONA (Beahm) Type D. Numerous petaled. A Montezuma Sun Goddess cross. One tone of dark orange with a delicate eye of violet. Late flower. \$1.50.

CORONA (Steele) Type A. Light orange-red with a definite magenta eye. Colored filaments. \$1.00.

COUNTESS ESTELLE DOHENY (Kado) Type D. Many narrow curling sepals, bronzy-red. Narrow petals, flaring, open trumpet, with glowing violet eye. Montezuma Sun Goddess cross. \$1.50.

CUP OF GOLD (Steele) Choice variety. \$1.50.

EL DORADO (Steele) Type B. Full petaled, heavy texture and lacquered. Golden orange with wide stripe of magenta at base extending out half way. \$1.50.

GOLDEN EMBLEM (Beahm) Type D. Very late. Many golden color petals and large deep lavender eye. Stamens fluffy and form a graceful circle of lighter lavender. A Montezuma cross. Large. \$1.50.

GOLDEN GLEAM (Steele) Type D. Bright orange with hint of cerise at petal base. Graceful. Loosely formed. \$1.00.

KADOLIA (Beahm) Orchid edge on copper-colored petals. Sepals old rose over orange. Very appealing plant growth. \$1.00.

- LEONOTIS** (Beahm 1948) Type C. Many extremely narrow sepals and petals—nearly one-toned burnt orange with cerise edge at base of petals. \$1.50.
- LODESTAR** (Beahm 1948) Type B. Very large glistening orange petals in five ranks, with outward curving tips—innermost petals edged in fuchsia. Limited. \$2.00.
- MISS BEVERLY** (Beahm 1946) Broad, blunt orange petals penciled in fuchsia. A small flower. Rosetta parentage. \$1.50.
- MISS SANTA MONICA** (Kado) Type C. Burnt orange entire. Larger than Rosetta but of similar style. Fine basket plant and long season bloomer. Plant deep green—red edged. \$1.00.
- NELLIE CANTWELL** (Kado) Type C. Coppery-orange sepals and petals with slight edge of fuchsia. Petals folded back to appear pointed. Few petaled. \$1.00.
- OBERST P.M. KUHNRIK** (Knebel No. 17). Green tinged buds opening to an orange flower with darker middle stripe. Sepals pointed and spreading out star-like. Inner petals are flaring trumpet shape with fuchsia edge to tips. \$1.00.
- ORANGE NYMPH** (Beahm 1948) Medium flower, wide petals—ruffled edge. An orange toned "Pink Nymph." Very fine. \$1.50.
- PARACUTIN** (Beahm). Very full petaled deep orange with inner petals shaded with roseglow, not an eye. Named after the new Mexican volcano. \$1.50.
- PRIDE OF VENTURA** (Monmonier). Extra large chrome orange edges to a chrome yellow center stripe with deeper center, complete golden sheen. \$1.00.
- SOUTHLAND** (Kado) Type D. Large true orange overcast with pink. Full petaled, (often forty). Bright violet eye. Outstanding. Medium to late. \$2.00.
- TITIAN** (Steele) Type E. Long narrow pointed petals—wheel effect. One tone, clear dark orange. \$1.00.
- TOPSY-TURVY** (Steele) Type E. Few narrow petals which form a wheel. Orange center stripe—wide lavender edge. Fluffy stamens. Large. \$1.50.
- TREASURE CHEST** (Steele) Type B. Very narrow sepals and petals extremely pointed. Deep amber orange base with wide dark purple border. \$1.50.
- VOLCANO** (Steele) Type E. Colorful, wheel-shaped flower; orange red, edged in wide magenta with solid magenta eye. Silky petals. Extremely large. Limited. \$1.50.



Prices are for **Cuttings** which are usually rooted.

GROUP 5

This group comprises reds of all shades, from vermillion to maroon but they are one-toned flowers.

75c	50c	35c
Arabian Night*	Carmen	Ackermannii
Bahia	Flambeau	Hybrid—B
Cardinal*	Garnet	Brilliant—B
Dardanella	Gen. Garibaldi	Francois Verhaert
El Indio—A	Janet	Red Kaiserin†—C
Ida M. Deighton	Jules Schlum-	Scarlet Giant—A
June Kelly	berger—D	Tulip—C
Otto Siepke—C	Vivianna*	Vive Rouge—A
Rugosa		

AMULET (Beahm 1948) Type C. One of the daintiest of the small Kaiserin types—a light all over red. Basket. \$1.50.

BANNER RED (Steele) Type B. Bright dark red with frilled petals. Very wide opening and large. A good keeper. Lavender stigma lobes. 75c.

BLEEDING HEART (Steele) Type B. Medium sized—many smooth narrow petals. Light signal red, with slightly darker center stripe. Excellent keeper. \$1.00.

EREBELLA (Steele). A hybrid of Bella and Erebus. Clear color with lighter veinings down center of heavy petals. Opens like Bella. 75c.

EREBUS (European variety) Type B. Very large and late. A cinnabar red. Well liked. 50c.

EL REY (Beahm) Type C. Basket. Buds open slowly as in Deutsche Kaiserin. Small flower—flaring trumpet. Long season. Light reddish pink. 50c.



PINK NYMPH

IMP (Poindexter). Medium forward trumpet flower of an even currant red. Plant bushy and strong. 75c.

KISMET (Beahm 1948) Good sized tomato-red Empress—typical basket plant. \$1.00.

POINSETTIA. Splendid hanging basket plant with broad wavy stems making a graceful plant at all times. Flowers open flat with pointed petals on a short tube. Often blooming at Christmas. This is a very old variety. 50c.

RED WING (Monmonier)† Type D. Very long sepals and shorter petals. Spidery or loose formed. A clear Chinese red. 75c.

RED LETTER (Steele) Type C. Dark shiny red—lacquered—heavy texture—flaring tubular effect. \$1.00.



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SHERMAN E. BEAHM

GROUP 6

Reds of all sorts in which various other colors are present, but in which red predominates.

75c	50c	35c
Allegro	Belgian Pfau	Conway Giant—A
Betsy Ross*	Etoile de Contiche	Dr. Houghton
Blaue Flamme	Francheski	Hermosissimus—A
Dark-eyed	Fried. Boedecker	Hermosus
Susan*	Gamut*	Jenkinsonii—A
Fasan	Gloriole	Kermesinus
Firefly*	Hans Rehm†—A	Magnus
Franz Schubert	Jolibois	Niobe†
Frau Liberta	Lange Beauty	Orion
Knebel	Loyola*	Peacockii—B
Hofrat Bouche	Lucifer	(Mme.) Wm. de
Lady Serner	Lydia	Laet
Lustrosa	Mons. Reviere	
Neon†	Nomad†—B	
Prince	Paula Knebel—A	
Charming	Profusion	
Purple Delight	Purple Flame	
Serenade	Repertoire*	
Siegfried		
Tipperary		
Walter Haage		

ARISTOCRAT (Monmonier) Magnificent deep red, shading lighter towards center, touch of violet on wavy edges. 75c.

BANDANA (Steele) Type B. Wide open deep currant red with a beautiful center of lilac-blue. Center petals have wide stripes of deep red. \$1.00.

CARTWHEEL (Steele)† Type E. Graceful, slender foliage. Narrow pointed petals. Shiny red center stripe with strong lavender edge. Erect long orange pistil. Very flat wheel shape. \$1.00.

CATTLEYA (Knebel No. 305) Type B. Entrancing red-purple with glossy finish. Medium flower. 75c.

CEKA (Knebel No. 220) Type D. Numerous narrow deep red sepals, turning back. Petals red-lined blended with deep fuchsia. A late bloomer and keeps well. 75c.

EL MONTE (Steele) Type D. A loose ball shape. Dark orange having a wide purple edge shading to white. Petals blunt with deep spoon. Stunning. \$1.00.

FRIEDRICH WERNER-BEUL (Knebel No. 230) Type E. Very beautiful, large wheel-shape flower. Dark carmine sepals. Lavender to white edge completely around petals. 75c.

- GERMANIA** (Knebel No. 42) Type A. Heavy textured crimp petals. Sepals stand out. Numerous overlapping petals are dark red edged in purple—orange middle stripe. 75c.
- GYPSY GIRL** (Poindexter) Flame-colored outer petals with distinct tan cast. Inner petals bronzy purple, some violet shading. A vivid and dusky color combination. 75c.
- INFERNO** (Steele) Dark burnt orange with center petal edges shaded with magenta. Heavy textured. Buds are almost black before opening. Lacquered. \$2.00.
- MARSEILLAISE** (Steele) Type A. Blunt buds showing much color before opening. Red center stripe with strong fuchsia fading to white giving striped effect which seems to glow in the dark. 50c.
- MRS. ALTA SCOTT** Type B. Deep red center line shading through vibrant purple to light edge. A very refreshing flower. \$1.00.
- PHYLLANTHOIDES GRANDIFLORA** (European) Type B. Very large. A combination of orange-red, purple and violet. 50c.
- RUBY JEWEL** (Steele) Deep cadmium velvety petals overlaid with rich dark purple deepening at petal edges. \$1.00.
- SLEEPY HOLLOW** (Steele) Type C. Giant narrow-petaled currant-red. Wide dark purple border clear to tips. Very wide open though not flat. Fragrant. \$2.00.
- THUNDER CLOUD** (Poindexter). One of the darkest reds though it gives the impression of purple. Broad center petals. \$1.00.
- TOUCAN** (Coolidge). Cherry-orange and violet. Flat compact, medium sized. Scintillantly beautiful. Limited. \$1.00.



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GROUP 7

Sometimes colors are blended in such a way as to make description and classification difficult. These we are grouping here.

75c	50c	35c
Amour	Carmel	Cleopatra—A
Atlas*	Inner Glow	Corinne
Baroness	Livingston	Latona—C
Marie Louise	Loebneri (Tula)	Pandemonium
Johanna Atten-	Martha Sollner	Sacuntala
hofer	Mimi	Symphony*—D
Nightingale	Sarah Courant	
Sachsenland		
Splendor		
Sylviarosa		

APOLLO (Steele) Very large flower, extremely broad sepals and petals. Burnt-orange with darker red-dish tips; inner petals edged two-thirds of the way with lilac. \$2.00.

AZTEC (Steele) Name changed from Apache. Type C. Multi-colored flower of orange, purple and red. Narrow pointed petals of assorted lengths having a deep band of purple. \$1.50.

DAWN GLOW (Kado) Type B. Long season, heavy bloomer. Coloration of suffused old rose exactly like Latona. Small wide open flower, few petals. \$1.00.

ENCHANTRESS (Poindexter) Marvelous burnt-orange-apricot of unusual grace and charm. \$1.00.

FEDALA (Beahm) Type B. Well rounded broad sepals of deep orange-red. Petals very wide, smooth broad heavy texture. Slight trace of lilac at base. \$1.00.

FLUFFY RUFFLES Not yet released.

HAWAII (Steele) Type C. Pointed buff-orange sepals with many light buff-orange petals having a darker stripe and orange eye overlaid with rose. \$1.50.

HERO (Steele) Type F. An outstanding introduction. Classed with Pride of Paloma. Limited. \$2.00.

INDIAN SUMMMER (Steele) Type D. Curled, troughed sepals. Deep orange over red petals with cerise eye. Open cup. Very late bloomer. Exquisite. \$2.00.

IRISH FIREFLAME (Beahm 1948) Type C. Flame colored red with a straw-toned center stripe and hint of purple. Smooth, firm, narrow sepals and petals. Just released. Limited. \$1.50.

MELROSE (Monmonier) Slender tan sepals; broad beige-rose petals with lavender to silver edge. 75c.

MERRY WIDOW (Steele) Type B. Flesh-tan outer petals. Rosy-tan inner petals overlaid with brilliant cerise lilac. Symmetrical flower, circle of stamens. \$2.00.

NAVAJO (Steele) Type B. Broad blunt dark orange sepals with much shorter inner petals completely bordered in purple. \$2.00.

PRIDE OF PALOMA (Beahm) Type F. Must be seen to be appreciated. Unusual color and shape. Azalea-pink over Chinese-coral with a petal edge of Phlox-pink. Limited. \$2.00.

ROMEO AND JULIET (Steele). \$1.50 EACH:

ROMEO Type A. Pointed petals shading dark rose to light lavender edge. Self colored stamens.

JULIET Type A. Pointed petals, buff center stripe through light lavender to almost white edge.

ROYAL ROSE (Monmonier) Rose buff with a base of deep lilac blending to a silvery edge. Broad petals, slender narrow sepals. Unusual coloring. \$1.00.

TAHOE (Steele) Outstanding in shape and color. Inner petals numerous and quite short in shades of Roseine Purple; outer petals deep old rose. \$1.50.



Prices are for **Cuttings** which are usually rooted. Recent Knebel imports will be released when ready.



SUNBURST

GROUP 8

This section is devoted to varieties whose predominant colors follow the groupings in the Royal Horticultural Society Colour Chart (British) under full hue numbers No. 28, Fuchsia Purple; No. 29, Rhodamine Purple; and No. 30 Cyclamen Purple and gradations such as No. 628, Persian Rose; No. 629, Roseine Purple; and No. 730, Dianthus Purple. Some of these varieties were formerly listed elsewhere.

75c

Augusta Von Szombathy	Frau Stanka Stozier
Dr. Werdermann	Jacques Courant
Fairyland	Jorg Siepke
Eleanora Prochaska	Prof. Ebert
Frau H. M. Wegener	Triumph de Entwerd

ANTON GUNTHER (Knebel No. 232) Type C. Several shades of purple—a color designated as carmine by Knebel. Very lovely. \$1.50.

BAMBI (Monmonier) Type D. Nearly all purple "Deutsche Kaiserin" exquisitely formed. \$1.00.

BUENOS NOCHES (Steele) Graceful flower in rich shades of Rhodamine Purple. Not yet released.

FRAU MARTHA SIEPKE (Knebel No. 201) Type C. Even toned Persian Rose. Exquisite. \$2.00.

GERTRUDE W. BEAHM (Knebel Phyllocereus No. 23) Type B. Wide ruffled innermost petals of Rhodamine Purple are intensified by the richly colored pistil and stamens. \$1.50.

HARMONY (Steele) Type C. Exquisite orchid colorings which deepen with age to one tone. Tapering pointed petals standing well apart. Jewel-like effect. Water lily shape. Really distinct. \$3.00.

JOSEPH DE LAET Type C. Old favorite, Tri-toned orchid. 50c.

MINUET (Steele) Type D. Very narrow sepals and petals forming a graceful airy flower of varying tones of Persian Rose. Just released. Limited. \$2.00.

ORCHID SUPREME (Steele) Type A. Extremely wide crimp, blunt petals. Shading from deep orchid to very light center. Large. \$1.00.

PARADISE (Steele 1938) Type D. Wide opening—almost flat. Sepals recurved, old rose. Petals lavender orchid with faintly darker center stripe. All delicate pastel tones. Still one of the best. \$2.00.

PRIDE OF BELL Type F. Three shades of rose-orchid to transparent edge. Sepals recurved and petals fold well back leaving filaments in full view. \$3.00.

QUEEN KATHARINE (Beahm) Type D. A nearly one-toned Persian Rose slightly deeper at throat. Well formed. \$1.00.

SHERMAN E. BEAHM (Knebel No. 227) Type A. Formerly Reichskanzler A. Hitler. Giant flower with dark carmine colored outer petals and a wreath of lilac-carmine-red inner petals with lighter edge. \$1.50

TRANSVAAL (Steele) Not yet released.

UNCLE SAM (Steele) Type C. Long narrow petals. Distinct striped effect—brownish orange through purple to orchid, broad white edge starting at throat. Wide open. \$1.00.

WONDERLAND (Steele) Type D. White center blending towards deep colored Rhodamine Purple tips. Extraordinary. We hope to release this next year.



Prices are for **Cuttings** which are usually rooted.

Recent Knebel imports will be released when ready.

CULTURE

Epiphyllums prefer partial shade, that is, conditions suitable for ordinary ferns or begonias but must not have excessive moisture at their roots. They can withstand cold a degree or two below freezing.

A good **POTTING SOIL** formula is one-half well decomposed leafmold with the other half made up of equal parts of coarse gravel, garden loam and well rotted steer manure with a small amount of bone meal (about the equivalent of a teaspoonful for each four-inch pot). This can be made up and kept ready for use.

ROOTED CUTTINGS should be planted in slightly moist potting soil. Withhold water for several days or a week whenever roots have been disturbed. This applies also to repotting.

Allow ample room between the soil line and the top of the pot. This will permit the addition of a little fresh potting mixture or light fertilizer each year without disturbing the roots nor yet getting the pot too full for proper watering. Do not allow the plants to go through a long dry spell without watering or at least spraying the foliage.

UNROOTED CUTTINGS should be planted to the depth of one inch or more in **SLIGHTLY** moist peat and sand, half and half. Keep in a shady place and, if possible, in a moist atmosphere. The cuttings may remain for as long as a year in the peat and sand without injury. They do not require excessive root feeding.

Do not repot until after the blooming season but do so before October 15th in any event.

Epiphyllum Hybrids (Phyllocactus) fill a definite need in all plant collections. Many make wonderful hanging baskets, others can be trained in an espalier effect while still others are best as simple pot plants.

ZYGOCACTUS

The term zygo is from the Greek word meaning yoke. This genus is native of Brazil where they are found growing in trees. Most varieties branch well from the base, some becoming bushy with a woody trunk. Others arch outward with a distinct chain effect giving rise to the name of Link-Leaf Cactus, which was used in the latter part of the nineteenth century. Links are obovate to round with a horned apex. Other terms are CLAW or CRABcactus.

The flowers are very beautiful and have a distinctly different shape from most other Epiphytic cactus. Before opening, the bud is pointed forward and seems to be hooked. On opening the uppermost petals are overlapped and tipped forward in a hood or roof effect with the stamens and anthers clinging to the top; the lower petals are spreading and bent back against the tube. In general, the effect is that of an upside-down flower. They may be found in a number of colors including white. They are excellent as corsage material and when used are worn reversed. Flowers are borne at the apex of the stems and are solitary; rarely two or three. The flowers are zygomorphic, that is, divisible into symmetrical halves by one plane only.

CULTURE is not difficult. A very porous soil that drains well and yet remains moist—NOT SODDEN—is best. However, where the plant is a grafted one, it is wise to use soil and other conditions suitable to the growth of the base or rootstock. Epiphytic plants need an airy, moist atmosphere for best results. Their normal food is derived from decayed leaves and bark accumulated in the crotches of the trees in which they have become established. In making an artificial duplication of this condition, we use the same potting soil as for Epiphyllums. (See page 19.) Water oftener in the fall while buds are forming, than in the spring. During the hottest months, set the plants aside in a cool, moist place—water sparingly.

No trellis is needed except for those grafted plants on tall standards. These should be supported as their tops increase in size. A framework simulating an umbrella is often used.

The Zygocactus is susceptible to scale and care should be taken to examine the undersides of the leaves regularly, especially right at the union of the joints. At the first sign of any infestation, a mild oil spray should be used. Your dealer will recommend a suitable one. Spray only on cool or cloudy days; the plants may be hosed off after 24 hours; repeat in two weeks if necessary. As a special treat to your plants, soak one pound of cottonseed meal in five gallons of water for 24 to 36 hours or longer. Strain well and use as a foliage spray. It need not be washed off as it is beneficial to both plant and soil. This may be used two or three times a year.

Care of CUTTINGS, both ROOTED and UNROOTED see page 19.

Approximately 75 forms of the Link-Leaf Epiphytic Cactus have been mentioned in publications during the past century (not in detail). Apparently only a very few of these are

species (wild forms) found in the Western Hemisphere while the others are variations (hybrids or sports). Many have now disappeared. Possibly some may still be found in private hands but with little or no data concerning them.

We are checking all that we can find. As fast as we secure sufficient propagation of a variety and its identity is established, we will release it to our customers. We have quite a number of varieties under observation at present but not all will prove sufficiently different in growth or flower to merit the consideration of the general public.

VARIETIES AVAILABLE

ZYGOCACTUS truncatus

var. BICOLOR (Thanksgiving)—Tube is white with slight purple lines. Petal edges and tips deep rose. Flowers the earliest of all—October. Rooted cuttings 50c.

var. SALMONEUM—Petals one shade of salmon pink with very little white in the tube of flower. Flowers as late as January. Rooted cuttings 50c.

var. Mme. FOURNIER—Plant growth broad with large hooks on the edge and at the apex. Flowers slightly larger than Salmoneum and deeper in color—more of a rose shade. Rooted cuttings 50c.

var. DELICATUM—Limited. Flower white with glow of pink on petal edges after the first day. Pistil—magenta. Plant leaves small and slender with well placed horns on apex. Small rooted cuttings \$1.00.

var. Mme. ANDRE—rooted cuttings 75c.

var. METEOR—rooted cuttings 75c.

var. SPECTABILE CARMINEUM—rooted cuttings 75c.

var. ALTENSTEINII—rooted cuttings 75c.

var. VIOLACEUM—rooted cuttings 75c.

var. M. CHATENAY—rooted cuttings 75c.

var. ROSEUM AMABILE—rooted cuttings 75c.

CHRISTMAS CACTUS

The plant usually distributed under this term may flower as late as March or even in late summer. Its true identity is still in question. It does not have a zygomorphic flower.

It has small regular flowers of fuchsine-pink which have a short tube and a 4 to 5-edged ovary with large scales. The petals often open wider on the second day. Tips of plant joints blunt but with no noticeable claws. Plants 35c to \$1.50.

EPIPHYLLANTHUS OBTUSANGULUS

This is an interesting form of jointed or link-leaf cactus. A normal plant has the appearance of a very minute opuntia with zygomorphic flowers. This might make an interesting point at which to start hybridization. Our stock is limited but we will have it to offer in the near future.

SCHLUMBERGERA

The Schlumbergera is very similar to the zygocactus in plant growth and culture except that the flowers are symmetrical and have narrower petals on very short flower tube. They appear at Easter time thus giving rise to the name Easter cactus. We can supply only two Schlumbergera at present.

SCHL. GAERTNERI—Has flowers of bright crimson; there are some brown, soft spines at the apex of the leaves. Cuttings 75 cents each. Limited.

SCHL. RUSSELLIANA VARIETY MAKOYANUM — Has larger leaves with 6 to 8 areoles along the edges; spines are wanting or are not readily visible at the apex. Flowers are a cardinal shade of red. Limited. Rooted cuttings 75c each.

DISOCACTUS

EICHLAMII—An epiphytic plant with small, slender, tubular flowers of bright rosy magenta—not of easy culture. Small \$1.00.

CHIAPASIA

CHIAPASIA NELSONII—is a monotypic genus with lilac-pink flowers appearing on the lateral branches. The flowers are small though very attractive. It blooms very early in the spring. As a graceful basket plant it is greatly admired the year around.

Rooted cuttings 50c. Strong young plants \$1.00.

The above has been crossed with the epiphyllum by both Mrs. Monmonier and Mr. Knebel. We will release the varieties introduced by Mr. Knebel when they are ready. The Monmonier originations may be secured direct from the Ventura Epiphyllum Gardens.

RHIPSALIS

Those interested in other forms of epiphytic plants should certainly acquire a few Rhipsalis. They make graceful, excellent baskets. Culture is the same as for Epiphyllums. Flowers are very small in most varieties and not highly colored though there are rich creams and orange flowered sorts. The flowers are small to minute, usually numerous and make a nice showing when in full bloom.

Plant growth may be fine thread-like as in Capilliformis and Cassutha or larger pencil-like branches of Neves-Armondii on to very broad wavy foliage such as Oblonga and Crispata which are similar in growth to epiphyllums. We have about 35 varieties from which we can supply unrooted cuttings at present. They are listed in order from fine pencil-like to broad flat growth.

Cereuscula	Shaferi	Rhombea
Clavata	Teres	Elliptica
Capilliformis	Neves-Armondii	Oblonga
Cassutha	Houlletiana	Crispata
Virgata	Heteroclada	

An assortment of 5 unrooted, OUR CHOICE—\$1.50.

GENERAL INFORMATION

Our stock comprises far too many varieties to list in detail in this circular. Many are for study and reference only or to supply our customers with cuttings of authentic species or hybrids. Please feel free to consult us if you cannot find the particular sorts you want.

Many varieties enjoy popularity for a few years only and then become displaced by more recent introductions. Popularity and scarceness of propagating material are chief factors in determining prices. There are just as lovely forms among the 35c varieties as in higher priced sorts, so do not use PRICE as your criterion.

CUTTINGS offered are of mature growth from six to ten inches long and are usually rooted, i.e., small plants.

MEDIUM PLANTS have one or more matured growths and are approximately THREE TIMES the prices quoted herein.

MIXED EPIPHYLLUM SEED—25c a packet.

We endeavor to have all plants correctly named. In case of error, we will not be responsible for more than the original purchase price of the item ordered.

Cold weather makes interstate shipping in winter difficult as the plants could freeze while in transit, therefore we reserve the right to ship at our discretion.

In our gardens each plant carries its own identification number. Our new originations are registered with the EPIPHYLLUM SOCIETY OF AMERICA. This society is aware that many mis-named varieties are offered to the public and aims at correcting this situation. We will be glad to accept applications for membership which is \$2.00 per annum and is by invitation. The Society issues a mimeographed Bulletin several times a year to its members. This Bulletin is devoted to all phases of the Epiphyllanae group and carries reports of the Society's meetings which are held in Los Angeles county.

The EPIPHYLLUM HANDBOOK by Scott E. Haselton—\$3.85 postpaid. Contains many illustrations and eleven full color plates.

Make use of the books in your PUBLIC LIBRARY on cactus and succulents. They contain valuable descriptions and instructions on plant care.

No SUBSTITUTION without consent of the purchaser, so whenever possible, give a SECOND CHOICE.

PRICES are cash (check, money-order, etc.) or C.O.D. as you prefer. PLANTS IN CONTAINERS shipped Express Collect. California customers add SALES TAX.



MONCHERIE